



GAU 2783 #2
PATENT 7-27-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Nir N. Shavit et al.

Title: MAINTAINING A DOUBLE-ENDED QUEUE IN A CONTIGUOUS
ARRAY WITH CONCURRENT NON-BLOCKING INSERT AND
REMOVE OPERATIONS USING A DOUBLE COMPARE-AND-SWAP
PRIMITIVE

Application No.: 09/547,288

Filed: April 11, 2000

Examiner: Unknown

Group Art Unit: 2783

Atty. Docket No.: 1004-4663

RECEIVED
JUL 25 2000
TC 2700 MAIL ROOM

ASSISTANT COMMISSIONER FOR PATENTS
Washington, DC 20231

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(INCLUDING REVOCATION OF PRIOR POWERS)**

Dear Sir:

Assignee of record of the entire interest of the above-identified application hereby
revokes all powers of attorney previously given and appoints the following attorney(s) and/or
agent(s) to prosecute this application and to transact all business in the United States Patent and
Trademark Office connected therewith:

Mark Zagorin (36,067); Andrew C. Graham (36,531); David W. O'Brien (40,107);
Kenneth Olsen (26,493); Timothy J. Crean (37,116); Robert S. Hauser (37,847);
Joseph T. FitzGerald (33,881); Alexander E. Silverman (37,940);
Christine S. Lam (37,489); Anirma Rakshpal Gupta (38,275); Sean Patrick Lewis (43,798);
Michael J. Schallop (44,319); Bernice B. Chen (42,403); Kenta Suzue (45,145);
Noreen A. Krall (39,734); Richard J. Lutton, Jr. (39,756); Marc Foodman (34,110); and
Naren Chaganti (44,602).

Please direct all correspondence concerning this application according to the USPTO
Customer Number, if provided below, or otherwise to the individual and/or firm named below:

RECEIVED

Customer Number 22120

ZAGORIN, O'BRIEN & GRAHAM, L.L.C. JUL 25 2000

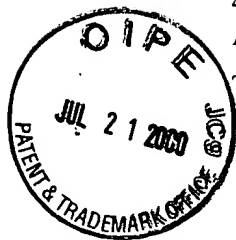
401 WEST 15TH STREET, SUITE 870

AUSTIN, TX 78701

TC 2700 MAIL ROOM

Telephone: (512) 347-9030

Facsimile: (512) 347-9031



JUL 11 2000

Date

USPTO Customer Number



22120

PATENT TRADEMARK OFFICE

Kenneth Olsen, Vice-President
Sun Microsystems, Inc.**EVIDENCE OF OWNERSHIP UNDER 37 CFR § 3.73(b)**

The undersigned (appointed hereinabove) submits the following evidence that the assignee is the assignee of the entire right, title and interest in the above-identified patent application.

1. An assignment from the inventor(s) of the above-identified patent application to Sun Microsystems, Inc. was recorded in the Patent and Trademark Office at Reel 010712, Frame 0617.

The undersigned is empowered to provide this evidence of ownership on behalf of the above-identified assignee.

Respectfully submitted,

David W. O'Brien, Reg. No. 40,107
Attorney for Applicant(s)
(512) 347-9030
(512) 347-9031 (fax)